

## **Device Description:**

The Ascension MCP joint device is a two component, semi-constrained finger prosthesis intended to replace the metacarpophalangeal (MCP) joint. It consists of two components, a proximal component with a ball shaped articular surface and a distal component with a cup shaped articular surface. The proximal component is intended to replace the articular surface at the head of the metacarpal (MC) bone, and the distal component is intended to replace the articular surface at the base of the proximal phalanx (PP). The device is designed to be a press-fit device that achieves fixation by means of implant/bone apposition (osseous integration). The device is available in 5 sizes. The device is comprised of a pyrocarbon layer approximately 0.42mm thick encasing a high strength machined graphite substrate. The graphite substrate material in the device is impregnated with 10-wt% of tungsten. The tungsten causes the device to be radiopaque for visualization on radiographs.

## **Proposed Indications for Use:**

The Ascension® MCP is intended for use as a total joint replacement of the index, long, ring, and small finger metacarpophalangeal (MCP) joints that exhibit symptoms of pain, limited range of motion, or inadequate bony alignment (i.e., subluxation or dislocation) secondary to articular destruction or degenerative disease related to rheumatoid arthritis, systemic lupus erythematosus, osteoarthritis, or post-traumatic arthritis where soft tissue reconstruction provides stabilization.